

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001007

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: F16D 65/21, 65/34, 65/35, 55/02, B60T 13/74, 7/08, F16H 25/18, 25/24.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC B60T 13/-, B60T 7/-, F16H 25/-, F16D 65/-, F16D 55/- with keywords : rotor, motor, stator, elipse, non circular, oval, ovoid, flexible, pliable, resilient, plastic, elastic, sleeve, cylinder, bush, actuator, drive or similar terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6109136 A (DOLD) 29 August 2000 Column 1 line 55 to column 3 line 43	1 - 30
A	US 6202509 B1 (DOLD) 20 March 2001 Whole document	1 - 30
A	DE 3815118 A1 (FESTO KG) 16 November 1989 Whole document	1 - 30
A	US 6533082 B2 (GILL et al) 18 March 2003 Whole document	1 - 30
A	US 6571921 B2 (OHTANI et al) 3 June 2003 Whole document	1 - 30

☐ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
6 September 2004

Date of mailing of the international search report
09 SEP 2004

Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustralia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

B. NGUYEN
Telephone No : (02) 6283 2306

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001007

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member		
US	6109136	DE	19733497	EP	0895001
US	6202509	EP	0974773	JP	2000055148
DE	3815118				
US	6533082	EP	1211149	JP	2002205627
				US	2002066626
US	6571921	DE	10126556	JP	2001343035
				US	2002023806
Due to data integration issues this family listing may not include 10 digit Australian applications, filed since May 2001.					
END OF ANNEX					